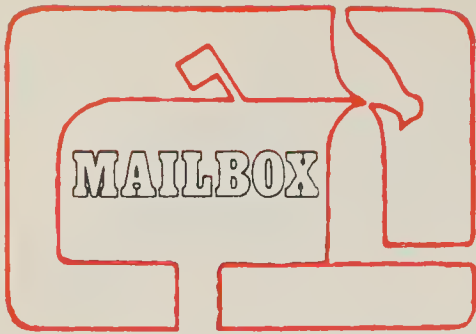
A photograph of a forest path, likely a hiking trail, with sunlight filtering through the dense canopy of trees. The path is rocky and leads into the distance. The trees are mostly evergreens, with some deciduous trees showing early autumn colors. The sky is visible through the branches, showing a blue sky with white clouds.

"The Woodwright's Shop"
Is Going National
See Page 6

*Carolina
Country*
October 1981



"Very Much Impressed"

Enclosed is a personal check for a year's subscription to *Carolina Country*. I was in the home of one of my friends recently and saw a copy of *Carolina Country*. I was very much impressed with its contents.

Mollie J. Cheek
Raleigh

"Letter Hit Wrong Note"

In response to the letter by Mr. Joy in the August issue of *Carolina Country*, I am a country farm person and really enjoy the magazine. It really hit the wrong note when I read Mr. Joy's letter on tobacco.

Tobacco was being grown by the Indians as well as corn when our great country was young. No one has been forced to use tobacco. They use it by their own free will, and I have known many people who died of cancer that had never used tobacco.

What about all the drugs and alcohol? They are due to be controlled by our laws also. I have never seen, in my many years, anyone who was drunk on tobacco.

Have you really thought about how many people in the state of North Carolina alone earn their living by working tobacco in one form or another. The city of Winston-Salem and others could not continue if it were not for tobacco.

Think how many people would be without work, were it not for tobacco. There is no way corn and cotton can take its place.

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Mrs. O. C. Lawson
Rt. 3, Mt. Airy

"Leave Tobacco Alone"

Mr. Joy: In regard to your letter in the *Carolina Country* about tobacco and what harm it does, have you ever thought how much harm that beer and whisky cause? But no one ever says anything about those things. Have you ever heard of tobacco breaking up a home like beer and whisky do?

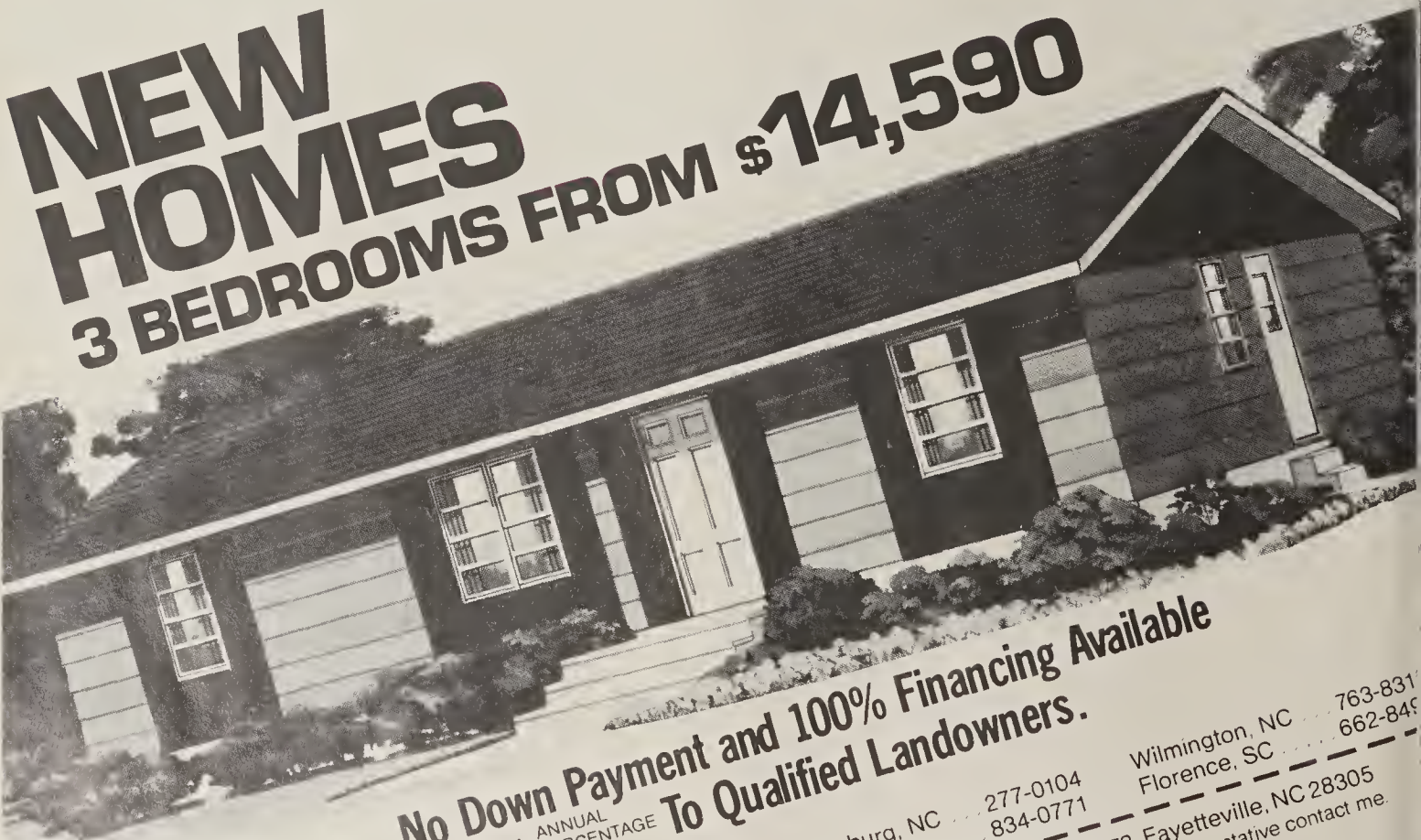
Then, there's the word cancer. I have people right around me that have died from cancer and they never used tobacco in any way. I don't think tobacco is the cause of all the cancer that people are dying with. I wish people would leave tobacco alone and hop on something that's doing the most trouble. My mama is 91 years old and she has used tobacco in some form or another most of her life, and she's fine.

There would be thousands of people out of a job if tobacco went out. Would you like to see them suffer? What would you get out of corn or cotton in this part of the country?

Maggie M.
Rt. 1, Leasboro

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Counting Our New Deal Blessings

This column was written by Jerry Voorhis, a former Congressman who was executive director of the Cooperative League of the U.S. for 18 years.

A studied and well organized propaganda effort is abroad in the land to persuade people to think the New Deal was and is something strange and probably bad and to believe that all the works of the New Deal should be torn down.

But even a very little reflection on the facts of the case makes such attitudes rather ridiculous, manifestly unjust, and even a bit dangerous to our nation.

Cooperative members and rural Americans especially will remember the New Deal with some gratitude and appreciation. So will the rest of us who are willing honestly to remember that it saved our country.

• There would have been no rural electrification nor any development of rural electric cooperatives without the New Deal. And since the big investor-owned power companies refused even to borrow from the REA at 2% in order to build lines to rural America, a large part of rural America might still be without electricity had it not been for the New Deal program of rural electrification.

• It was the New Deal that created the Production Credit Associations and the Bank for (Farmer) Cooperatives. Without these we would not have a Farm Credit System today able to combat high interest rates, with all government capital repaid and the whole system

cooperatively owned by its borrowers.

• Without the New Deal we would have had no Tennessee Valley Authority, nor Bonneville Power System—nor many other hydroelectric power systems. Our dependence on imported oil would be vastly greater and the energy problem far more acute than it is with this supply of clean renewable power from New Deal projects.

• The whole Social Security system, which has meant a decent life for millions of older Americans and which has undoubtedly stood off what could have been another disastrous deep depression at a number of critical periods—all this was and is a product of the New Deal. And during all the New Deal years, the system was in full health and vigor.

• How would we like it if our bank deposits were not insured and if we were exposed to the possibility of bank failures and the loss of all our money?

Well, guarantee of bank deposits was a cardinal New Deal accomplishment.

• During the New Deal period—for the first time in our history—attention was paid to the tragic loss of our precious agricultural top soil. It was the New Deal that introduced the whole concept of soil conservation to our nation. In some ways this may have been the greatest accomplishment of the New Deal. For on that fertile top soil depends all human life. If exploiters neglect the New Deal's soil conservation they will threaten the very base of life in this country.

• All during the New Deal period, cooperatives of all kinds were looked upon with favor and that period was marked by the greatest growth—especially in rural America.

• The Securities and Exchange Commission, created by the New Deal, has prevented any more Wall Street collapses such as occurred in 1929.

• The New Deal maintained throughout its time low interest rates that enabled farmers and small businesses to borrow and pay their debts without hardship—and kept the national debt from soaring as it has ever since the lid was taken off interest rates.

• It was the New Deal that passed the Federal Credit Union Act that has become the magna carta of the credit union movement, which now numbers almost 50 million members.

This list could be extended but these 10 points should be enough to give people pause before they condemn a New Deal which they simply do not remember or understand.

“
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COMMENTARY

Ph.D. No Measure Of Teaching Ability

The University of North Carolina system has told its five mostly-black campuses to increase the numbers of their faculty who can put behind their

“

Some who cannot trail the magical three letters behind their names are acknowledged as top teachers.

”

names the sacred letters “Ph.D.” That is good news if you assume that possessing a doctorate makes a better teacher.

This assumption is entrenched behind one of the two ruling axioms of proper academic circles: “Publish or perish” and “No professorship without a Ph.D.” Yet nobody has ever tested the assumption. If they did, it would fall flat.

The Ph.D. requirement tests some of a person’s abilities. It tests his basic literacy. In scientific fields, it shows he has at least a notion of research methods. It shows he can use a specialized jargon.

Everybody knows this. It is like the Emperor’s new clothes. Even on the

UNC system’s research-oriented “flagship” campuses, where a doctorate largely rules unchallenged, some who cannot trail the magical three letters behind their names are acknowledged as top teachers.

Consider writer Doris Betts, a professor at UNC-Chapel Hill. She lacks not only a doctorate but even a B.A. Yet so well does Mrs. Betts teach young people on to good writing, and so much does she care about them, that her classes are among Chapel Hill’s most sought-after.

So were those of UNC-G’s lamented Randall Jarrell, and now emeritus professors Richard Walser of N.C. State and Walter Spearman of UNC-CH journalism—not a doctor among them.

Even in sciences, where a doctorate says more about one’s knowledge of a field’s higher reaches, it says little about how well one can teach freshman chemistry or biology or calculus.

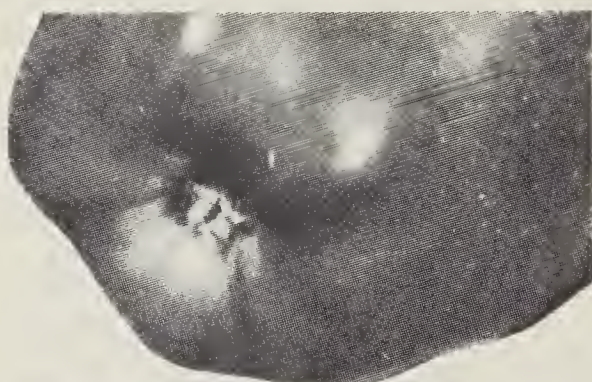
These lecture sections are, anyway, largely taught by graduate students, not yet blessed as Doctors of Philosophy. And while some already fine teachers, others will never be worth a nickel before a blackboard, however good they may be with a podium or computer and with or without a Ph.D.

Because “upgrading” black-campus faculty quality is part of a desegregation compromise recently reached between UNC and Washington, it is tempting to lay all blame on the feds for the new pressure to weed out non-Ph.D.s on the campuses.

But even if using Ph.D.s to measure teaching quality is like using a sieve to measure syrup, the federal government didn’t invent that absurdity. America’s campuses did.

It’s past time for academia to find a way to correct this poor logic. It may find a better gauge of teaching abilities than the foolish assumption that a degree automatically measures knowledge or the ability to dispense it well.

—The Raleigh Times



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Roy Underhill Going National With TV Series, Companion Book

"The Woodwright's Shop," the made-in-North Carolina television series about 19th Century woodcraft techniques, is going national this fall—in print and on the tube:

- The 13-part series, featuring Roy Underhill and his sometimes whimsical instructions for making articles from wood as craftsmen did 100 years ago, will be aired nationally by Public Broadcasting Service.

- Underhill's new book based on the TV series, including 350 illustrative photographs, is being published by University of North Carolina Press.

The TV series drew an enthusiastic following among woodworking buffs when it was aired by the University of North Carolina Center for Public Broadcasting last fall.

It is being repeated by the Center network this fall. It is scheduled to air at 7:30 p.m. on Thursdays beginning Oct. 20.

The series, which was produced by the Center, presented Underhill demonstrating traditional hand-tool woodworking: how to select the best trees for a given project, the proper techniques for felling those trees and for transforming them into

everything from tools to chairs to houses.

In the process, Underhill combines historical background, folklore, alternative technology and humor to make his instructions entertaining, even for the woodworking layman.

Underhill, 29, who is the master housewright at Colonial Williamsburg, has a bachelor's degree from UNC-Chapel Hill and a master's degree from Duke University.

Roy Underhill uses an auger in assembling a chair. The photo is one of 350 which illustrate Underhill's new book on 19th Century woodcraft.

For several years, he made his living as a woodwright, lecturer and consultant to museums on folk skills.

He became convinced that he could teach his skills on television a sort of Julia Child of the woodworking shop. Officials of the TV network agreed, and eventually put "The Woodwright's Shop" into production at Underhill's shop near the Eno River.

Once production was completed he began work on the book, which parallels the series.

The 202-page volume, titled *The Woodwright's Shop: A Practical Guide To Traditional Woodcraft*, is being published in both cloth and paperback editions.

Johanna Grimes, marketing manager at UNC Press, says the book captures the author's charm.

"Roy Underhill writes well. His personality and wit come through the book—just as they do on the screen."

Response to the book has already been "terrific," she said.

Quality Paperback Book Club has chosen it as an alternate selection, and the cloth edition will be an alternate selection of Rodale's Organic Gardening and Self-Sufficiency Book Clubs.

Excerpts will appear in several national magazines, including *Mechanix Illustrated* and *Early American Life*.

Prepublication orders have put the book into a second printing, bringing the number in print to 40,000, Grimes said.

—Owen Bishop

From the introduction Roy Underhill's *The Woodwright's Shop: A Practical Guide To Traditional Woodcraft*:

I teach traditional hand-tool woodworking—how to start with a tree and an axe and make one thing after another until you have a house and everything in it. The satisfactions of this work are immediate and personal. You find the tree, fell it, shape the wood, and join it together. The mistakes and successes, the accidents and discoveries are between you and the tree.

We have spent millennia devising ways to avoid this sort of physical work, and yet we always return to it. It is a part of us. Hardwood trees and humans appeared on the planet at about the same time, and the two of us have grown together. The origins of this relationship reach beyond tradition into instinct, all the way back to the prehuman necessity for correctly judging the strength of the next tree branch before swinging to it. It's what used to be known as common sense, and it's what this book is about.

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Onslow Festival Set For Nov. 1

The Onslow County Museum in Richlands will hold its Sixth Annual Arts and Crafts Festival on Nov. 1 from 10 a.m. to 5 p.m.

More than 50 artists and craftsmen will participate in the event, exhibiting their wares and demonstrating their crafts.

Also scheduled are a story hour for children at the Richlands Library and the opening of a new museum exhibit, featuring early Southern decorative arts.

New Administrator Sworn In At REA

Harold V. Hunter, a prominent Oklahoma farmer-rancher and a key federal appointee under Presidents Nixon and Ford, has been sworn in as the tenth administrator of the U.S. Department of Agriculture's Rural Electrification Administration.

Hunter, 63, brings to the REA post a background of extensive business enterprise combined with his prior federal service. From 1969 to 1977, he was state executive director of the Agricultural Stabilization and Conservation Service in Oklahoma.

For two years, he was chairman of the Oklahoma Republican State Central Committee and in that capacity served as a member of the Republican National Committee. He served four terms in the Oklahoma House of Representatives in the 1960s, two of those as assistant minority floor leader.

Fall Colors Brighten Smoky Mountain Creek

Autumn's colors brighten this scene along a creek near the Blue Ridge Parkway in the Great Smoky Mountains.

The photo was taken by George M. Mitchell of Swansboro, a professional photographer working in illustration and advertising.

Hunter succeeds Robert W. Feragen in heading a lending agency which claims 928 rural electric distribution borrowers and 962 rural telephone borrowers in 46 states.

Ashe County Hydro Project Gets Study

A \$10,800 grant from the Appalachian Regional Commission will make it possible for Blue Ridge Electric Membership Corporation, Lenoir, to determine whether it would be economical to rebuild a hydroelectric facility on the north fork of the New River in Ashe County.

The money will be used to help finance an engineering study of the project, with the EMC contributing another \$3,200.

The Sharps Falls Dam, built in 1930, was acquired by the co-op in 1941. It continued to generate electricity until 1970, when its operation became uneconomical. Between 1948 and 1969, the plant produced an average of one million kilowatt hours annually, or enough to serve about 111 average homes.

Two Honored By Poultry Industry

The chief executive of the North Carolina Poultry Federation and a North Carolina State University veterinarian have been honored by the federation for exemplary service to the Tar Heel poultry industry.

Edwin W. Woodhouse Sr., executive director of the federation, was cited for his outstanding leadership, integrity and loyalty in helping to enhance the image of the poultry food industry in the state.

A Currituck County native, he became the federation's first executive director in 1968.

Dr. James Ray Harris, extension veterinarian at NCSU, was cited for his skill as advisor on management and poultry health problems for poultry firms across the state.

The Georgia native has been on the NCSU poultry science faculty since 1961.

Wilkes Homemaker Makes 500,000th "Teletip" Call

It was telephone call number 500,000 and it came into the Extension Teletip offices at North Carolina State University, at 1:49 p.m. Friday, Aug. 7.



Operator Jamie Powell found herself talking to Mrs. L. E. Eller of Ferguson, who had called to get some information on pole beans.

The Wilkes County homemaker said she uses the Teletip toll-free information line fairly often. "I've gotten advice on everything from storing Irish potatoes to growing hydrangeas," she said.

The state-wide toll-free information service was launched March 20, 1978.

"We had 48 telephone calls that day," said coordinator Jan Christensen, "but we've never been that low since. Our record day was July 15 of this year when Teletip operators handled 1,056 calls."

There are more than 1,000 messages on the Extension Teletip system. A person can get a directory listing the messages from the county office of the Agricultural Extension Service or by calling the Teletip number—1-800-662-7301.

Memorial Fund Set Up To Honor Late Author

A memorial fund to honor the late Guy Owen has been established by the North Carolina State University's Humanities Foundation.

Owen, author, editor and popular professor of English and writer-in-residence at NCSU, died July 23 at the age of 56.

The late writer was best known for the creation of Mordecai Jones, the

flam man introduced in "The Ballad of the Flim-Flam Man," in 1965.

Contributions to the Owen Fund should be sent to the N.C. Humanities Foundation, NCSU, P.O. Box 5067, Raleigh, N.C. 27605.

Coastal Plain Crafts Fair Set For Nov. 5-7

The Coastal Plain Arts and Crafts Association will hold its annual fair at Tarrytown Mall in Rocky Mount, Nov. 5-7.

Craftsmen from eight counties in the Rocky Mount area will participate in the fair, which is sponsored by the Agricultural Extension Service.

The fair will be open from 10 a.m. to 9 p.m. each day.

Charlotte Energy Fair Slated For Nov. 13-14

A regional Energy Conservation Fair has been scheduled for Charlotte's Civic Center, Nov. 13-14. The fair will focus on the special needs of residential and small commercial energy users. It will be open from 10 a.m. to 9 p.m. each day.

Sponsoring the event are the Charlotte-Mecklenburg Advisory Energy Commission and the State Energy Division. Also supporting the fair are Duke Power Co., Piedmont Natural Gas Co. and the University of North Carolina at Charlotte.

Directors Get New Terms on EMC Boards

Ten incumbents are now serving new terms on the Boards of Directors of three North Carolina Electric Membership Corporations, as a result of decisions made at recent EMC annual meetings:

• **Pee Dee EMC**, Wadesboro—Re-elected were Eugene Russell of Rt. 2,

Wadesboro; Richard Johnson of Rt. 4, Wadesboro; A.J. Riggan of Hamlet and Craig Ratliff of Rt. 2, Rockingham.

• **Roanoke EMC**, Rich Square—The three incumbents were appointed to serve one-year terms when the meeting failed to achieve a quorum. The incumbents are Matthew Grant of Tillery; Elton L. Trotman of Rt. 1, Hobbsville and Rascoe A. Gilliam of Rt. 1, Windsor.

• **Haywood EMC**, Waynesville—Re-elected were Massie Osborne of Rt. 2, Clyde; Lawrence H. Henson of Candler and Charles R. Petit of Rosman.

Energy Advocacy Session Slated For Athens, Ga.

A conference designed to motivate citizens to bring about sound energy decisions is scheduled for Nov. 20-22 in Athens, Ga.

The Southeastern Energy Advocacy Conference will be held at the Center for Continuing Education at the University of Georgia.

Dr. Margaret Maxey, assistant director of the South Carolina Energy Research Institute and an expert on energy ethics, will be the keynote speaker.

Workshops are planned in such areas as public speaking, perspectives on nuclear power, comparative risks and benefits of energy sources, emerging energy sources and applications, and the politics of world oil. A session on how to establish your own local energy advocacy group will close the conference.

The registration fee of \$125 includes lodging and meals; spouses may attend for \$50. Some scholarship money, including transportation expenses, will be available for persons interested in attending the conference. For more information, contact Patty Wheeler, N.C. Association of Electric Cooperatives, P.O. Box 27306, Raleigh, N.C. 27611.

Tideland Director Gets Statewide Board Seat

Carroll Austin of Rt. 2, Aurora, a director of Tideland Electric Membership Corporation, Pantego, has been appointed to the Board of Directors of the North Carolina Association of Electric Cooperatives (N.C. AEC).

Austin, who has been on the Tideland board since 1975, succeeds Kenneth Gray of Rt. 1, Scranton, as one of the board's representatives on the board of the statewide organization.

The N.C.AEC board consists of the manager and a director from each of the state's 28 EMCs.

Texas Native Assumes State's Top SCS Post

Coy A. Garrett, a 24-year veteran of the Soil Conservation Service, has taken the reigns as head of the U.S. Department of Agriculture agency in North Carolina.



The San Angelo, Texas, native comes to North Carolina from Vermont, where he had headed the SCS since 1979. He succeeds Jesse L. Hicks, who retired earlier this year.

The new state conservationist has a wide experience in SCS programs. He began his career in 1957 in his native Texas, after graduating from Texas Technological University at Lubbock, serving at Lubbock and Muleshoe. Promotions took him to Cuba and Santa Fe, both in New Mexico, and to a post as area conservationist at Dodge City, Kansas.

Garrett received USDA Superior Service Awards in 1967 and 1979, Outstanding Achievement Award in 1979, and Certificates of Merit in 1970, 1974, and 1975.



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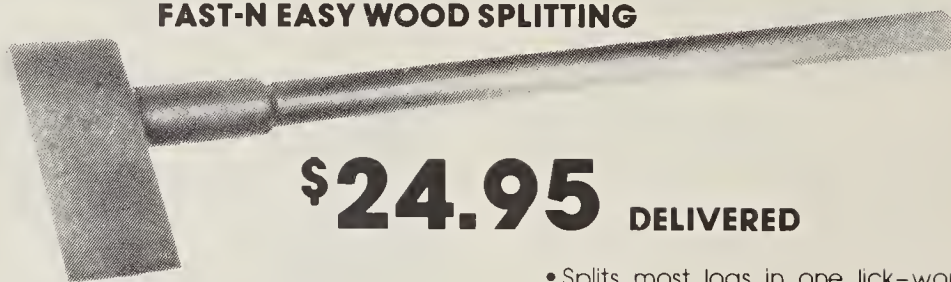
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"Prolonged and Expanding" War Foreseen

Rural electric and Reagan Administration spokesmen have strongly indicated that this year's fight over the Rural Electrification Administration's financing programs was only the beginning.

Robert Partridge, executive vice president of the National Rural Electric Cooperative Association, told a regional meeting of rural electric leaders in Pittsburgh that the White House attempt to cut REA loan and loan guarantees has been "only the opening battle in what may be a prolonged and expanding war."

Partridge's speech came exactly one week after Frank Naylor, under secretary of agriculture for Small Community and Rural Development, who oversees the REA, told a group of some 300 REA employees meeting in Washington, that "the time for change, and massive change, has

arrived."

"We're going to have to get the government out of areas it doesn't belong in," said Naylor. "And much of that burden will fall on this agency, because REA, along with the Farmers Home Administration, are two of the largest lending agencies in the government."

But with far fewer people to pay for electricity in rural areas, said Partridge, the REA programs are still needed. Because rural electric co-ops don't have profits, they don't fit into Wall Street lending formulas for determining who is creditworthy, he said, adding:

"Unfortunately, because of the higher costs and lower returns of bringing electricity to remote areas, rural electric rates are still on the average 12 percent higher than the investor-owned utility next door."

Naylor's adamant stance hints that when President Reagan unveils his 1983 budget proposals next January, they could very well contain REA cutbacks similar to those suggested last March.

Congress defeated several of those proposals, rejecting cuts to already authorized loan levels, replacing the 2 percent program with one that allowed loans to be made as low as 2 percent only in hardship cases and mandating use of the Federal Financing Bank for loan guarantees.

Congress is still at work on the insured loan levels for next year, with the current proposal matching the current year's authorized range of \$850 million to \$1.1 billion.

Meanwhile, an Administration freeze on transmission loans, which amounts to \$82.6 million and affects 100 co-ops, has eased somewhat with the announcement by REA Administrator Harold Hunter that the agency will resume making the loans.

In connection with Hunter's swearing in on Aug. 6, the Oklahoma rancher, former state legislator and state Republican Party chairman, said, "The REA has been enormously successful and uniquely instrumental in moving rural America forward, bringing new growth, new industries and new jobs where before there was decline." However, he said that under his tenure the 700 employee agency would "direct its efforts and do its part to display fiscal restraint and disciplined economic and financial planning."

Rate Increase Postponed For 18 CP&L-served EMCs

The 18 North Carolina Electric Membership Corporations which buy power from Carolina Power and Light Company have won a reprieve from a 6.3 percent hike in CP&L's charges for that power.

The new, higher rates were scheduled to become effective on Aug. 11, but the Federal Energy Regulatory Commission acted that day to order a five-month suspension of the rate schedule.

The suspension means the new rates cannot take effect until mid-January.

Under the agency's procedures, wholesale rate hikes are allowed to become effective after a suspension of from one day up to five months. The rate increases are normally allowed to go into effect under bond and subject to refund if the FERC later rules that the rates are too high.

Representatives of the EMCs and the municipal electric systems affected by the rate case had petitioned FERC for the five-month suspension and for an overall rate reduction.

CP&L's proposed new rates would cost the EMCs about \$14.7 million a year. As a result, the suspension will save them about \$6 million.

The EMCs affected by the new rates are: Brunswick, Shallotte; Central,

Sanford; French Broad, Marshall; Harker's Island; Jones-Onslow, Jacksonville; Pee Dee, Wadesboro; Pitt & Greene, Farmville; South River, Dunn; Tri-County, Goldsboro; Carteret-Craven, Morehead City; Four County, Burgaw; Halifax, Enfield; Haywood, Waynesville; Lumbee River, Red Springs; Piedmont, Hillsborough; Randolph, Asheboro; Tideland, Pantego and Wake, Wake Forest.

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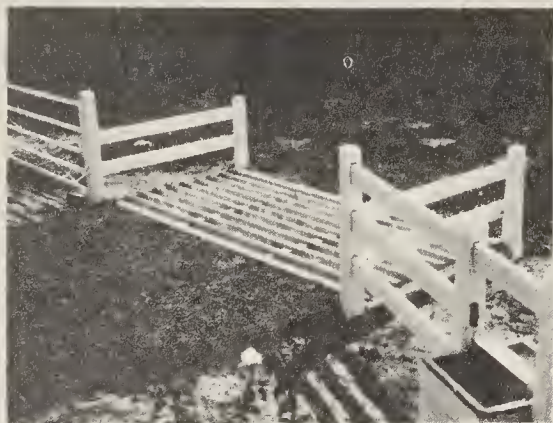
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Cover Reprints



Through a special arrangement with noted wildlife photographer John Trott, we are now offering reprints of the outstanding photo of a male cardinal that graced the cover of the April *Carolina Country*.

The photo, which appeared in the book *Birds of the Carolinas*, is reprinted in the size of the magazine, with a white border on heavy 11" by 14" glossy finish stock. They're priced at \$4 each, including postage charges. Use the coupon below to order your copy.

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EMC ANNUAL MEETINGS CALENDAR...



Date	Electric Membership Corporation	Time	Location
Oct. 20	Lumbree River, Red Springs	Registration: 6 p.m. Business Meeting: 7 p.m.	Performing Arts Building, Pembroke State University
24	Davidson, Lexington	Business Meeting: 4:30 p.m.	Central Davidson Senior High School
31	Rutherford, Forest City	Registration: 10 a.m. Business Meeting: 11 a.m.	East High School Gymnasium, Forest City
30	Brunswick, Shallotte	Registration: 11 a.m. Business Meeting: 1 p.m.	Smith's Warehouse, Whiteville
Nov. 7	Tri-County, Dudley	Registration: 1 p.m. Business Meeting: 1:30 p.m.	Southern Wayne High School
12	Pitt & Greene, Farmville	Registration: 6:45 p.m. Business Meeting: 7:30 p.m.	Farmville Central High School Auditorium

SOUTHERN ENGINEERING COMPANY OF GEORGIA ARCHITECTS—ENGINEERS ATLANTA, GEORGIA

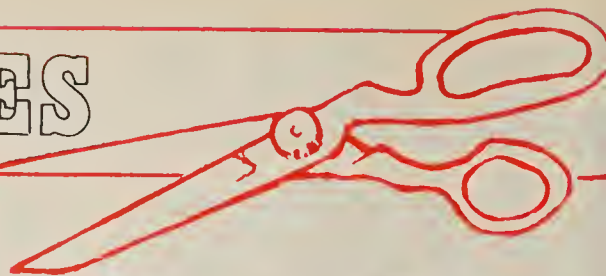
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COUNTRY KITCHEN



COUNTRY KITCHEN

October, with its traditional football games and cool days and nights has arrived, and it's time once again for tailgate picnics and post-game informal suppers. This recipe is a tasty variation of meat loaf, and is inexpensive to prepare for a large group. It has a lot of flavor, and the cheese makes it especially delicious. The kids love it, too, because it reminds them of one of their favorite "fast" foods.

COUNTRY KITCHEN

Pizza Loaf

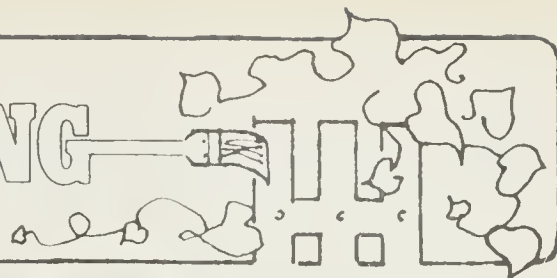
1½ lb. ground beef
1 8-oz. can tomato sauce
¾ C. chopped onion
1 Tbl. Worcestershire sauce
1 egg
1½ tsp. salt

1½ tsp. monosodium glutamate (optional)
1 tsp. oregano
¼ tsp. pepper
1 6-oz. pkg. sliced Mozzarella cheese

Combine all ingredients except cheese; mix thoroughly. Divide meat mixture into thirds. Pat 1/3 in bottom of 9½x5x3 inch loaf pan. Cover with half the cheese. Repeat layers, ending with meat. Bake in 350° oven for 1 hour. Makes 5-6 servings.

If you would like to share a recipe with this column, send it to: CAROLINA COUNTRY, P.O. Box 27306, Raleigh, NC 27611. We pay \$5. for published recipes and present each monthly winner a set of 50 recipe cards with the winning recipe printed on them.

DO YOUR OWN THING



HERE COME THE HOLIDAYS

Halloween, Thanksgiving and Christmas are all part of the upcoming Fall calendar. Home decorations and centerpieces add to the holiday atmosphere in any home, and they also make great hostess gifts for holiday parties.

This 23-page instruction guidebook gives you step-by-step directions, diagrams, and color pictures for 27 different projects. Shown here are the Pilgrim Couple, made from Styrofoam balls and felt, along with Turkey Time and Midget Santa which are made with chenille stems. You may also adorn your table with King Turkey, a horse-drawn sleigh, or even Santa and his reindeer . . . all made from colored beads and wire, plus more!

To obtain CRAFT CUTIES FOR FALL, #GM31, please send \$3.50. Another guidebook for a Fall project is #HA9, DRIED SEEDS, CONES & PODS, \$2.50. Both prices include 1st class postage and handling. Also available, our 112-page PATTERNS FOR BETTER LIVING book picturing over 600 woodworking and handicraft projects . . . \$1.95. Print your address and send your check to:

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A Quiz: Test Your Energy IQ

1. It is safe to assume that a home built today will be energy efficient.

2. A clock thermostat is just another gimmick and really doesn't make much difference in reducing heating costs.

3. Proper orientation and shading of windows is an important feature.

4. You should close drapes and blinds both day and night in the winter.

5. By turning down the water heater, you can save.

6. Changing the air filters in a forced air heating system is an easy-to-do, low-cost chore.

7. There's not much that people living in older houses can do about adding water-saving devices.

8. A "jacket" can be added to a hot water heater and significantly reduce its heat loss.

9. Fluorescent lights are not practical to use in the home and really don't use any less power than ordinary incandescent lights.

10. Protection from the wind can be provided by trees, bushes and hedges.

Dense shrubbery around a home can cut heating costs by over 10 percent.

True or False?

11. Ordinary stoves and fireplaces are inefficient because they draw large

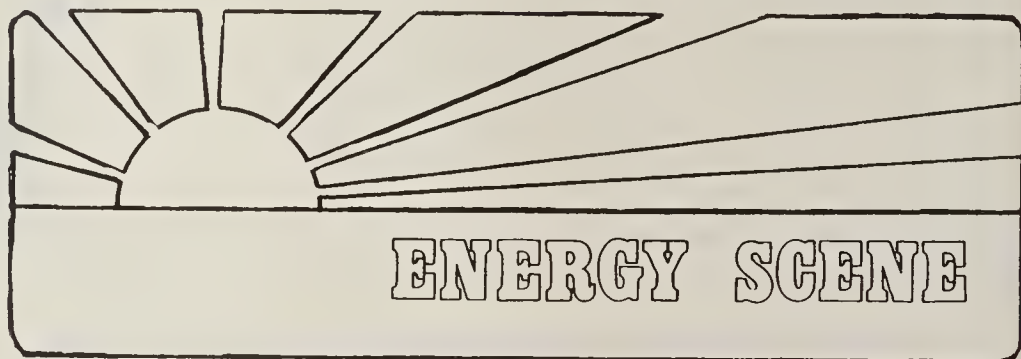
amounts of heated indoor air up the chimney.

12. Insulation is really only needed in the ceiling or attic and walls.

13. If you are considering buying a previously owned home, you can get an idea of whether or not it is energy-efficient by looking at the energy bills of the previous owners.

14. A Federal Income Tax Credit is now available for energy-conserving home improvements.

15. You would like to make improvements that would save energy but an energy audit is expensive.



Answers

1. **False.** You cannot take the energy efficiency for granted in a new home. There are no ironclad guarantees of energy efficiency in new homes. Codes and standards to help in this area are just beginning to be implemented and not all new homes comply with them. It's up to the prospective buyer to shop for energy efficiency in a new home.

2. **False.** Clock thermostats automatically raise and lower indoor temperature at specified times of the day or night and are a good energy-savings feature. (They are not recommended in the winter with electric heat pumps.)

3. **True.** A south-facing window with a storm window or double glass can capture sunlight in the winter and help heat the house. In the summer, the same window can be shaded so that direct sunlight does not enter it and heat up the house.

4. **False.** You should close drapes and blinds at night in the winter and open

them in the daytime to allow direct sunlight to enter. (In summer, close drapes and blinds exposed to direct sunlight.)

5. **True.** Setting the water heater thermostat to the minimum possible temperature (usually about 120 degrees F) is an easy, no-cost project that results in large savings.

6. **True.** Air filters in a forced air heating system should be changed or cleaned by vacuuming as often as required to keep them clean—at least twice a year. If you have central air conditioning, clean or change four times a year.

7. **False.** Water-saving devices, such as "low-flow" showerheads and sink aerators, can reduce your hot water use significantly, are low in cost to install and can be installed at any time.

8. **True.** A jacket consisting of one or two inches of insulation can be installed on an older water heater and will significantly reduce its heat loss.

9. **False.** Fluorescent lights should be installed instead of incandescent lights wherever practical—kitchen, bathroom, laundry and work spaces—since they use about a fourth of the power used by ordinary light bulbs.

10. **True.** Trees, bushes and hedges do provide wind protection. Dense shrubbery cuts heating costs not 10 percent but 20 percent.

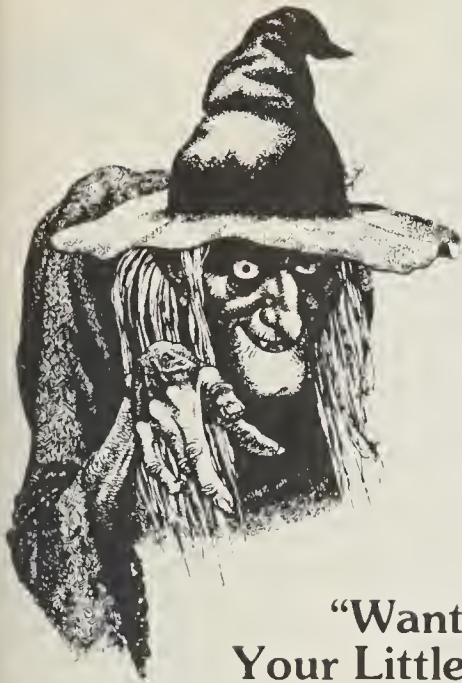
11. **True.** Fireplaces and wood stoves used in conjunction with standard heating systems can offer energy savings (if firewood can be obtained inexpensively), but only if the unit is of closed combustion design (wood burned in an enclosed space and not directly exposed to the room) with an outside combustion air intake.

12. **False.** Insulation is needed also in the crawl space or basement walls, floors, or slab foundation perimeters.

13. **True.** Though your future bills may vary from the previous owner's because of family size or living habits, examining an accurate, documented record of a home's past energy costs is a good way to know what to expect.

14. **True.** The credit allows you to deduct 15 percent of your energy conserving home improvement costs from your income tax, up to a maximum of \$300. The IRS can furnish a list of improvements that qualify.

15. **False.** You can get an expert to provide you with an energy audit, without charge.



**"Want
Your Little
Goblins To Have
A Safe Halloween?
Take Some Advice
From An Old Pro"**

Halloween is the one night of the year when the dark unknown world outside the home belongs to children.

Dressed as ghouls, goblins, ghosts, skeletons, witches—the traditional costumes for Halloween—children become the imaginary spirits that lurk in the dark. This make-believe world of fun helps dispel some of their fears of the night.

To make sure Halloween stays a safe adventure, here are some safety rules to keep in mind:

- Costumes should allow freedom of movement—no strings or loose streaming parts that can tangle in the shrubbery.
- So that costumes are bright enough for motorists to see, apply reflective tape to both the front and back of the child's

costume as well as the trick-or-treat bag.

- Make sure costumes are fireproof. If you buy one that isn't or make one at home, treat it by dipping the costume or material into a solution of 9 ounces of borax, 4 ounces of boric acid and 1 gal. of water.
- Provide children with a flashlight.
- Have children go in groups, accompanied by an adult, to protect against unpleasant incidents.
- Tell children not to eat any booty until you or another adult has carefully inspected the bag of treats. That way you can be sure that everything is safe as well as clean.
- A plastic bag is useful in carrying the booty since paper bags often rip and many of the goodies are lost.

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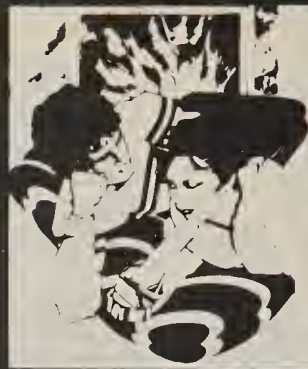
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The one-member, one-vote concept has been the backbone of the rural electric program since its

beginning. It's the cooperative way of doing business, through democratic process and elected officials. It's what makes a rural electric cooperative different from any other kind of electric utility.

And that's one reason why U.S. electric co-ops are celebrating October as Co-op Month. The theme this year is "Building a Better America."

Some 60 million people in this country use cooperatives—about 50,000 of them. There are cooperatives for electric and telephone service, farm marketing and farm supply, credit unions and farm credit, housing, food, insurance, health care and day care.

A cooperative is a business owned by its users. These users—called members—elect a board of directors from their ranks. The directors hire a

chief for hiring the employees needed and for seeing that the business is properly run on a day-to-day basis.

A cooperative is a business where the money left after operating costs are taken care of belongs to the members. But cooperatives operate under law, regulations, and rules just as other businesses do. They are incorporated as businesses; they pay taxes to their local and state governments just as other businesses do.

Today, almost 1,000 rural electric systems—nearly all cooperatives—distribute electricity across 70 percent of the area of the United States. Their lines reach across the thinly-populated rural miles of 46 states, dramatically improving farmers' capabilities to produce food and fiber for their fellow urban citizens and for exchange with the rest of the world.



BECOME A KEEPER OF THE LIGHT

Help prevent Cape Hatteras Lighthouse from being destroyed by the eroding waters of the Atlantic. Your gift will be part of a fund that will enable the National Park Service to protect the historic landmark. Contributors giving \$100 or more will receive Keeper of the Light certificates signed by Sen. Jesse Helms and Gov. James B. Hunt, Jr. Send your gifts to Save The Lighthouse, P.O. Box 18848, Raleigh, N.C. 27619.

Training Offered

Install Your Own Solar Water Heater

Homeowners who have an interest in solar water heaters but can't afford the high cost will be getting a helping hand from the N.C. Energy Extension Service (EES) this fall.

The agency intends to work with community colleges across the state to teach homeowners how to put together and install solar systems that can be bought as kits for less than \$1,000.

With the energy conservation tax credit, which amounts to 65 percent, the cost is low enough for almost anyone to afford, says Martha Hannon of the N.C. Commerce Department, which oversees EES.

"Solar energy just makes good economic sense. It's renewable, efficient and cheap. It's the source of the future," she said.

The do-it-yourself classes are open to anyone and will be held on weekends.

Here's how the program works:

Sign up for a class at a community college in your area. You will learn solar fundamentals, and experts will help you decide whether solar is a

good investment for your home.

If the answer is "yes,-- then you will go on to the second day of the course where you will receive detailed instruction on assembly and installation of solar kits, and actually put yours together under the eye of the instructors.

An important part of the project is

this: when a homeowner is finished, he has a complete system that he understands and can repair himself.

"We're trying to help people make energy go as far as it can," Ms. Hannon said. "It's really as simple as that."

The cost of having a similar system installed by professionals could range up to more than \$3,000.

EMCs Set Power Use Survey

About 20,000 consumer-members of North Carolina's Electric Membership Corporations will be asked to complete questionnaires as part of a statewide survey of consumers' residential power use patterns.

The survey is a follow-up to a similar study conducted by the co-ops a year ago, according to John Kutter, manager of power supply for N.C. Electric Membership Corporation.

"We hope the consumers will take the time to fill out these forms when they arrive in the mail," he said. "The

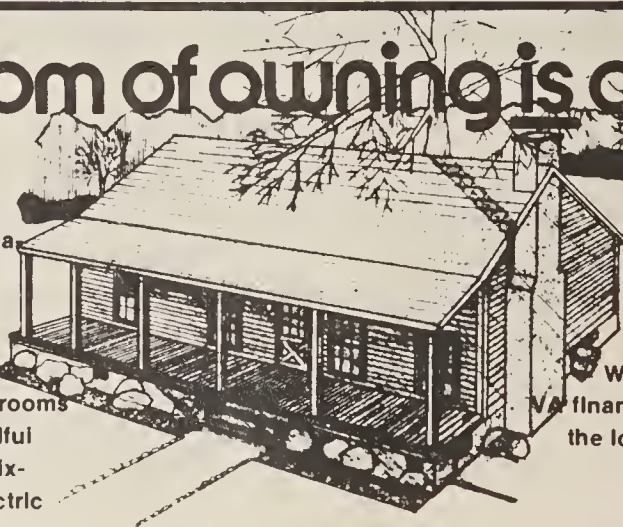
information we gather in the survey will be most helpful as we try to plan for growth in power demand over the next few years."

The questionnaires, which will be mailed in late October, seek information on the kinds of housing units being served, how much insulation they have, the kinds of major appliances and heating/cooling systems being used, and the steps consumers are taking to conserve energy use.

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FFA Project: A Helping Hand For Tar Heel Communities

Faced with rising costs and tight budgets, some North Carolina towns are finding it hard to provide anything beyond basic services.

But this year at least 45 Tar Heel communities have had extra help from teenagers of the Future Farmers of America.

Through the FFA's national Building Our American Communities (BOAC) program, state FFA members have carried out projects ranging from park restoration to picnic area construction.

Nationally, BOAC projects are being carried out in more than 1,500 communities this year. Sponsored by R.J. Reynolds Industries, Inc., BOAC is designed to help improve small and rural communities while building youth leadership.

In Troutman, for example, the community will have its first public park when South Iredell FFA students complete their work on an empty two-and-one-half-acre lot.

James W. Gentry, South Iredell FFA Chapter advisor, sees the project as filling a need in Troutman.

"The park is located in a heavily populated area," Gentry said. "There are a lot of children within walking distance of it. Since there is no other facility in the area, I think it will be a great benefit to the community."

The FFA chapter at Bartlett Yancey High School in Yanceyville, a consistent BOAC project winner, currently has more than 100 students building an obstacle course at one elementary school and landscaping another.

In LaGrange, FFA members planted 100 seedlings to reclaim a sandy area threatened by erosion.

In Rowland, FFA members planted pine seedlings and cleaned an animal water supply to encourage usage by sea wildlife.

Charles Keels, North Carolina FFA executive secretary, estimates that more than 4,000 teenagers in the state are working on community development projects through the BOAC program.



Members of the Bartlett Yancey FFA Chapter in Yanceyville planted ground covers and shrubs at the Caswell County Civic Center as part of a Building Our America Communities project. Club members conducted fund-raising activities to raise money for the plants that were used.

"The number of FFA chapters working on BOAC projects has steadily grown throughout the 10-year history of the program," Keels said. "We expect increased participation in the coming year."

Other 1981 North Carolina BOAC projects include the landscaping of cemeteries and senior citizen homes, construction and installation of picnic tables and fences, development of a nature trail and litter removal.

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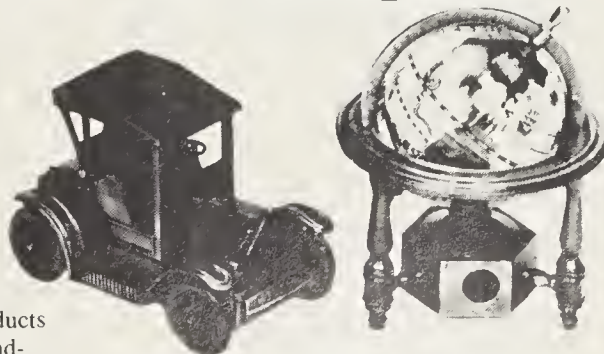
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Milestones Marked

Carolina Country has passed a couple of milestones in recent months that are worthy of mention.

In June, the magazine completed 35 years of publication, for its first issue was dated June, 1946. It was then an independent farm magazine known as *The Carolina Farmer*.

The magazine, under president and editor J.E. Nicholson, was launched as a vehicle for the support of agriculture and rural people in North Carolina. Nicholson was a great believer in the importance of rural electrification, and championed that cause in the publication.

In January, 1949, the magazine became the official publication of the state's electric cooperatives while remaining a privately-owned operation. That arrangement remained unchanged until 1952, when the newly organized association of electric co-ops purchased it outright.

The second milestone is linked to the first, for it offers evidence of how much the publication has changed since the debut issue's 1,700 copies were published.

In August, *Carolina Country's* total circulation rose above the 300,000 mark for the first time. The exact figure, just for the record, was 301,070.

More On Dealing With Waste Paper

The item in last month's column about coping with our daily flood of paper drew a suggestion from one Jimmy Young of Walnut Cove.

"I couldn't suggest how to end the flow at its source," he wrote, "but here's an idea for even better

recycling of your waste than you mentioned.

"After you finish using the other side of this waste paper, simply store it until a substantial amount builds up. Then, haul it to your local paper recycling center for sale. Granted, this isn't a large amount of money but you then could take these funds and either donate them to the Forestry Service or a conservation group. Better yet, buy a few small trees and plant them in honor of the REAs and all their members."

Trivia . . . From Here and There

- The New York office of the Atlantic Mutual Insurance Co. maintains a set of records on the history of marine disasters that is said to be one of the largest and most complete of its kind in the world.

The legendary size of the library led one interested student to inquire, only half seriously, what they knew about Noah's Ark. The company's reply: "Built in 2448 B.C. Gopher wood, pitched within and without. Length, 33 cubits; width, 50 cubits; height, 30 cubits. Three decks. Cattle carrier. Owner: Noah and Sons. Last reported stranded Mount Ararat."

- When Louis XIV and Marie-Therese were awakened in the morning, if the Queen sat up after the curtains had been parted and clapped her hands, the servants knew that the King had performed his royal duty the night before.

- Mark Twain's *Adventures of Tom Sawyer* was the first novel ever to be written on a typewriter. It was typed in 1875 on a Remington by the author himself. However, Twain wished to withhold the fact. He did not want to write testimonials, he said, or answer any questions about the "newfangled thing."

What Is Success?

I don't read a great many columnists on a regular basis, but I've come to look forward to the monthly columns of Whit Hobbs, a veteran New York advertising agency executive, in an advertising trade magazine.

His pieces draw on his experiences in advertising as well as his other pursuits, with a human touch that would make them appealing to the readers of any kind of publication. They're always interesting, sometimes inspiring.

In one of them, he offered some interesting reflections on success. What is success, anyway?, he asked. Is it "something on which you hang a dollar sign," as many believe?

"My definition of success hasn't much to do with money, with power. Success is internal; what's important isn't how other people judge you—what matters is how happy and satisfied you are with yourself. It's whether or not, way deep inside, you're satisfied that you're realizing your full potential—being the best you think you can be. That's something about you that the people around you can guess at. But you are the only one who can know for sure.

"Success is waking up in the morning, whoever you are, wherever you are, however old or young, and bounding out of bed because there's something out there that you love to do, that you believe in, that you're good at—something that's bigger than you are and you can hardly wait to get at it again today.

"It's something you'd rather be doing than anything else. You wouldn't give it up for more money, because it means more to you than money. And, hopefully, it's something that makes the world a better place for someone else, as well as for you.

"Any person who does that every day is a success, because that is the most satisfaction that this life has to offer."

Interestingly enough, Hobbs' comments were echoed a few weeks after they appeared in print by Dr. William J. Bennett, president and director of the National Humanities Center in Research Triangle Park.

He was addressing students at the University of Alabama for the swearing in of Dr. Joab Thomas, former chancellor at North Carolina State University, as president of the University of Alabama system.

The happiest people, he said, are those who're engrossed in their work, loving every minute of it—not those who measure success with dollar signs.

Go out and find a job that you find fun to do, and do it "with passion," he said.

—Owen Bishop

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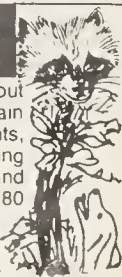
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